## Claims

1. A molded container capable of standing upright, for infusion liquids, said container comprising walls (12, 13) which form a flat standing bottom (20) allowing the container to stand upright and a shoulder portion (14) transforming into a neck portion (15), fold lines (BL) being formed in the walls of the standing bottom (20) and/or the shoulder portion (14),

## characterized in

that the fold lines (BL) are arranged and configured such that they cause a flattening of the portion having the fold lines when liquid is withdrawn from the container (10) without ventilation.

- 2. The container of claim 1, characterized in that the fold lines (BL) are formed by weakened portions in the walls (13).
- 3. The container of claim 1 or 2, characterized in that a plurality of fold lines (BL) are arranged in a group of fold lines (26) such that they form an accordion-like folding.
- 4. The container of one of claims 1-3, characterized in that the standing bottom (20) is formed with a fold line (25a) as a transverse fold that moves outward during flattening.
- 5. The container of one of claims 1 4, characterized in that at least one fold line (28) extends as a longitudinal fold from the standing bottom (20) into the shoulder portion (14).
- 6. The container of one of claims 1-5, characterized in that the filled container contains a volume of air of at most 15% of the container volume.
- 7. The container of one of claims 1 6, characterized in that the filling volume of the container is 1 ml to 5000 ml.

- 8. The container of one of claims 1 7, characterized in that the neck portion (15) is provided with a port system (16) comprising a pierceable membrane.
- 9. The container of one of claims 1 8, characterized in that the standing bottom (20) comprises a projecting suspension lug (22).
- 10. A method for manufacturing a molded standing container for infusion liquids of one of claims 1-9, wherein a single-layered or multi-layered hollow preform (50, 51) is formed by extrusion and is subsequently expanded by blow molding to form the container (40).
- 11. The method of claims 10, characterized in that the container (40) is made with a wall thickness of 0.1 to 0.7 mm, so that its wall flattens under the effect of atmospheric pressure when liquid is withdrawn from the container without venting.
- 12. The method of claim 10 or 11, wherein the transparency of the container (40) to be produced is increased by axially stretching the tubular preform (50, 51).
- 13. The method of one of claims 10 12, characterized in that, with a multi-layered container (40), the inner layer (42) is made of polypropylene, preferably a polypropylene copolymer.
- 14. The method of one of claims 10 13, characterized in that, with a multi-layered container (40), at least one of the layers is a layer (43, 45) of adhesive agent.
- 15. The method of one of claims 10 14, characterized in that, with a multi-layered container (40), at least one barrier layer (44) is made from a polyamide or an ethylene/vinyl alcohol.
- 16. The method of one of claims 10 15, characterized in that, with a multi-layered container (40), the outer layer (46) is made of a polyamide or a polyester.

- 17. The method of one of claims 10 16, characterized in that, with a multi-layered container (40), 40% to 70% of the wall thickness are made up by the inner layer (42), 10% by the barrier layer (44) and at least one layer (43, 45) of adhesive agent, and the rest is made up by the outer layer (46).
- 18. A method for filling a container of one of claims 1 9 with infusion liquid, characterized in that the container is impressed after molding to reduce its volume and is filled and closed in this state, the impressing providing for a backup volume for receiving a supplementary volume injected later.